



MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

Vision Hollow Metal Limited  
400 Zenway Blvd., Unit 1  
Woodbridge, Ontario L4H 0S7

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Series LS1875 Outswing Double Steel Doors-LMI

**APPROVAL DOCUMENT:** Drawing No "AD10-11", titled "Series LS1875 Double/Single Outswing Steel Door", sheets 1 through 7 of 7, prepared by MCY Engineering, Inc., dated JUL 01, 2015, signed and sealed by Yiping Wang, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

#### Limitations:

1. See anchor options at jamb & threshold on sheet 2. Item #19 at exterior required for Water infiltration rating.
2. Double door with MG950 mullion will require Steel channel reinforcements for size exceeding 7' (84") High.
3. Electrical/Electronic function is not part of this approval, such functions to be reviewed and approved by AHJ

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, Woodbridge, Ontario, Canada, series/model and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises & renews NOA #12-0223.30 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.

NOA No. 14-0513.04  
Expiration Date: October 13, 2020  
Approval Date: July 02, 2015  
Page 1

MIAMI-DADE COUNTY  
APPROVED

7/3/15

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections (Submitted under file # **see below**).
2. Drawing No "AD10-11", titled "Series LS1875 Double/Single Outswing Steel Door", sheets 1 through 7 of 7, prepared by MCY Engineering, Inc., dated JUL01, 2015, signed and sealed by Yiping Wang, P.E.

**B. TESTS (Submitted under files #12-0223.30 /#10-0420.02)**

1. Test reports on:
  - 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94 (w/Exterior astragal)
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

Along with manufacturer's parts and section drawings of double outswing steel doors, marked by Fenestration Testing Lab, Test Report No. **FTL-6222**, dated 05/18/10, signed and sealed by Jorge Causo, P. E.

This test report was revised by an addendum letter issued by Fenestration testing lab, dated June 17, 2010, signed and sealed by Jorge Causo, P. E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC2014 (5<sup>th</sup> Edition), prepared by MCY Engineering, Inc., dated APR 21, 2015, signed and sealed by Yiping Wang, P. E.

**D. QUALITY ASSURANCE**

1. Miami Dade Department of Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS (Submitted under files #12-0223.29/#10-0623.02)**

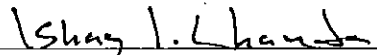
1. Tensile test report # FTL-6222, dated 05/18/10 prepared by fenestration Testing lab, signed & sealed by Jorge Causo, P.E.

**F. STATEMENTS**

1. Letter of conformance to FBC 2014 (5<sup>th</sup> edition) and No Financial interest dated May 01, 2015, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
2. Letter of conformance to FBC 2007 & "No financial interest" dated 05/30/10, signed and sealed by Yiping Wang, P.E.(submitted under file # **10-0623.02**).
3. Lab compliance as part of the above referenced test report.

**G. OTHER**

1. This **revises & renews** NOA #12-0223.30, expiring on 10/13/20.
2. Distributor Agreement between Vision Hollow Metal Ltd., Ontario Canada and Precision Building Products, Florida USA, dated 04/13/15, signed by Nick Siragusa and Jacques Rousseau , respectively, on behalf of their companies.

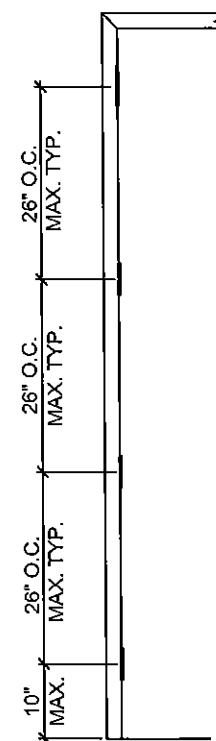
  
Ishaq I. Chanda, P.E.

Product Control Examiner

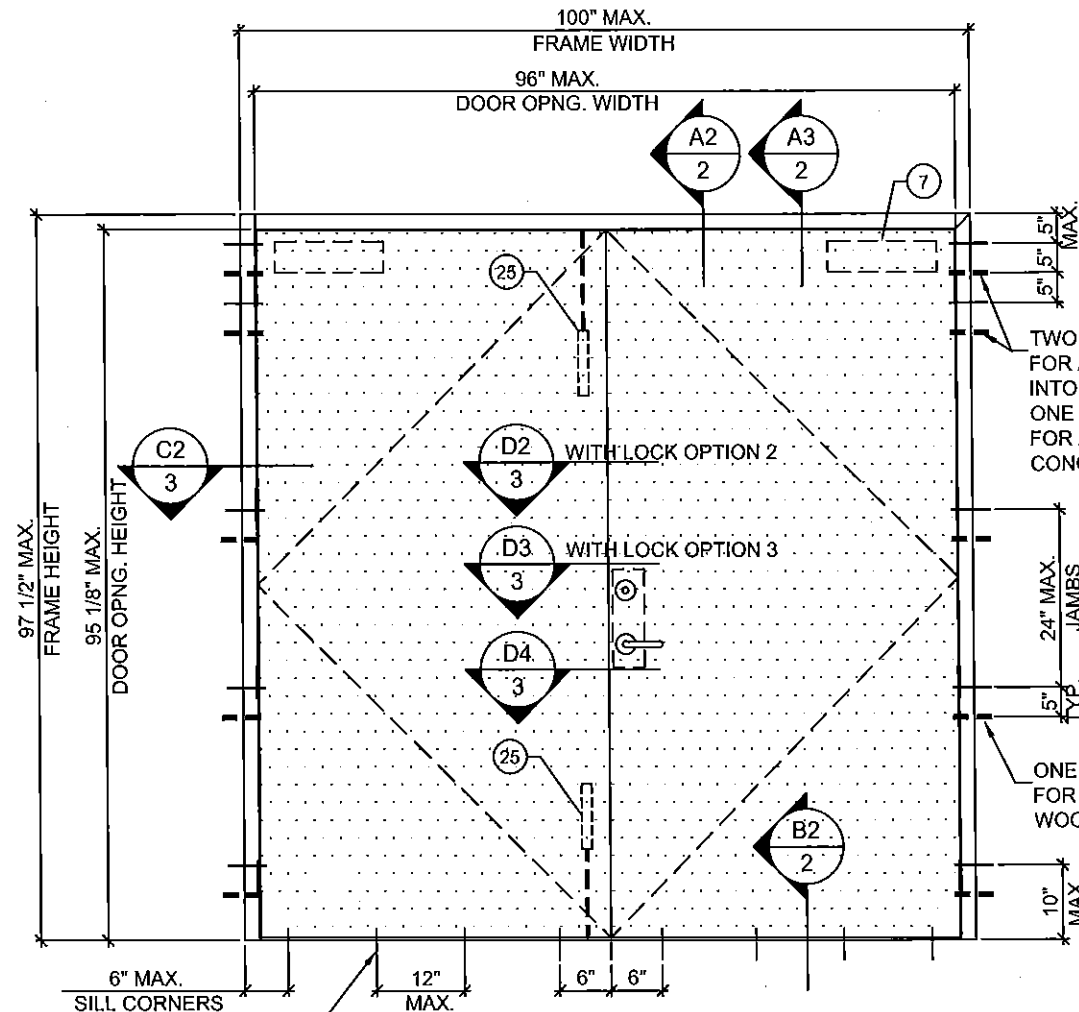
NOA No. 14-0513.04

Expiration Date: October 13, 2020

Approval Date: July 02, 2015

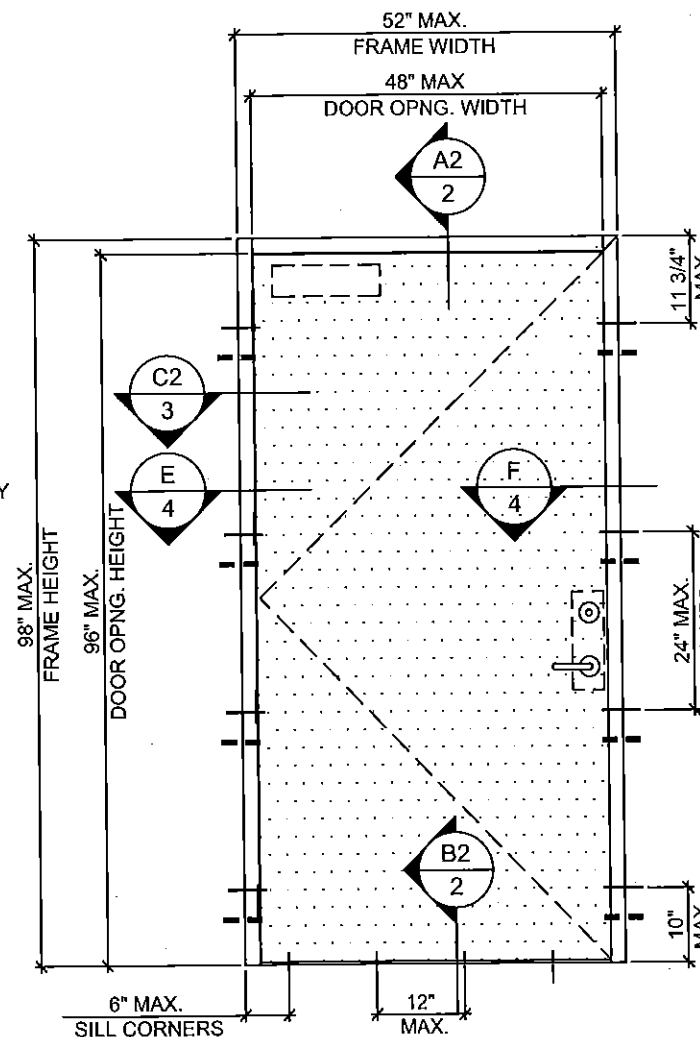


HINGE LAYOUT  
TYPICAL

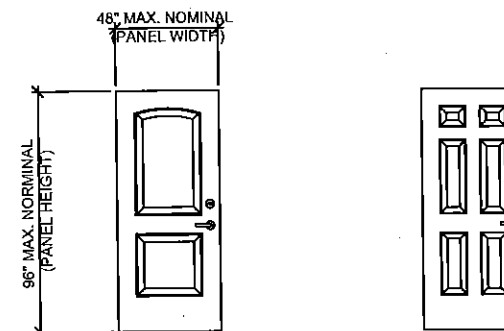


DOUBLE DOOR TYPICAL ELEVATION  
(WITH LOCK OPTION #2 & #3 SHOWN)

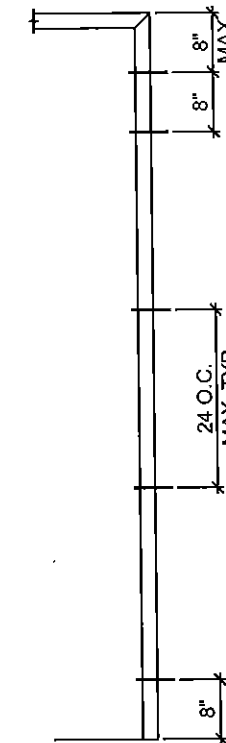
**MAX. DESIGN LOAD**  
(FOR SIZES SHOWN ABOVE OR SMALLER  
AS PERMITTED BY FBC)  
+75.0 PSF  
-75.0 PSF



SINGLE DOOR TYPICAL ELEVATION  
(WITH LOCK OPTION #2 & #3 SHOWN)



OPTIONAL EMBOSSED DOOR LEAF PATTERNS



WIRE ANCHOR LAYOUT  
TYPE F

**SERIES LS1875 DOUBLE/SINGLE PANEL OUTSWING STEEL DOOR (LMI)**

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2010/2014 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- DOORS RATED FOR LARGE MISSILE IMPACT AND DO NOT REQUIRE SHUTTERS.
- DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.
- ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.
- ULTIMATE DESIGN LOAD OBTAINED FROM ASCE-7-10, MULTIPLY BY 0.6 SHALL BE LESS THAN OR EQUAL TO MAX. DESIGN LOAD IN THIS DOCUMENT.
- MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2010/2014 FLORIDA BLDG. CODE SECTION AS APPLICABLE.

- METAL, CONCRETE OR WOOD STRUCTURES NOT BY VISION HOLLOW METAL LIMITED MUST SUPPORT LOADS IMPOSED BY DOOR SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.
- A LOAD DURATION FACTOR IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
- DOOR PANEL: MIN. 18 GA. (0.053") STEEL  $F_y = 54$  KSI MIN.  
DOOR FRAME: MIN. 18 GA. (0.044") STEEL  $F_y = 54$  KSI MIN

**NOTES:**  
EGRESS REQUIREMENTS TO BE REVIEWED BY BUILDING OFFICIAL.

**PRODUCT REVIEWED**  
as complying with the Florida  
Building Code  
Acceptance No. 14-0513.04  
Expiration Date 02/13/2020  
By: Ishag, I. Chumak  
Miami Dade Product Control

NO.	DATE	DESCRIPTION
1	02.18.13	2010 FBC
2	04.28.14	2014 FBC
3	06.28.15	PER NEW CODES

**MCY ENGINEERING, INC.**  
GLAZING CONSULTANTS  
8501 SW 124 AVE. STE. 205A P: 305.271.0117  
MIAMI, FL 33183 F: 786.573.5063  
www.MCYEngineering.com MCY.Engineering@att.net

**SERIES LS1875 DOUBLE/SINGLE OUTSWING STEEL DOOR (LMI)**  
VISION HOLLOW METAL LIMITED  
400 ZENWAY BLVD., UNIT #1  
WOODBRIIDGE, ON L4H0S7  
Tel: (877) 984 - 8465 Fax: (905) 851 - 1261

**VISION**  
HOLLOW METAL LIMITED

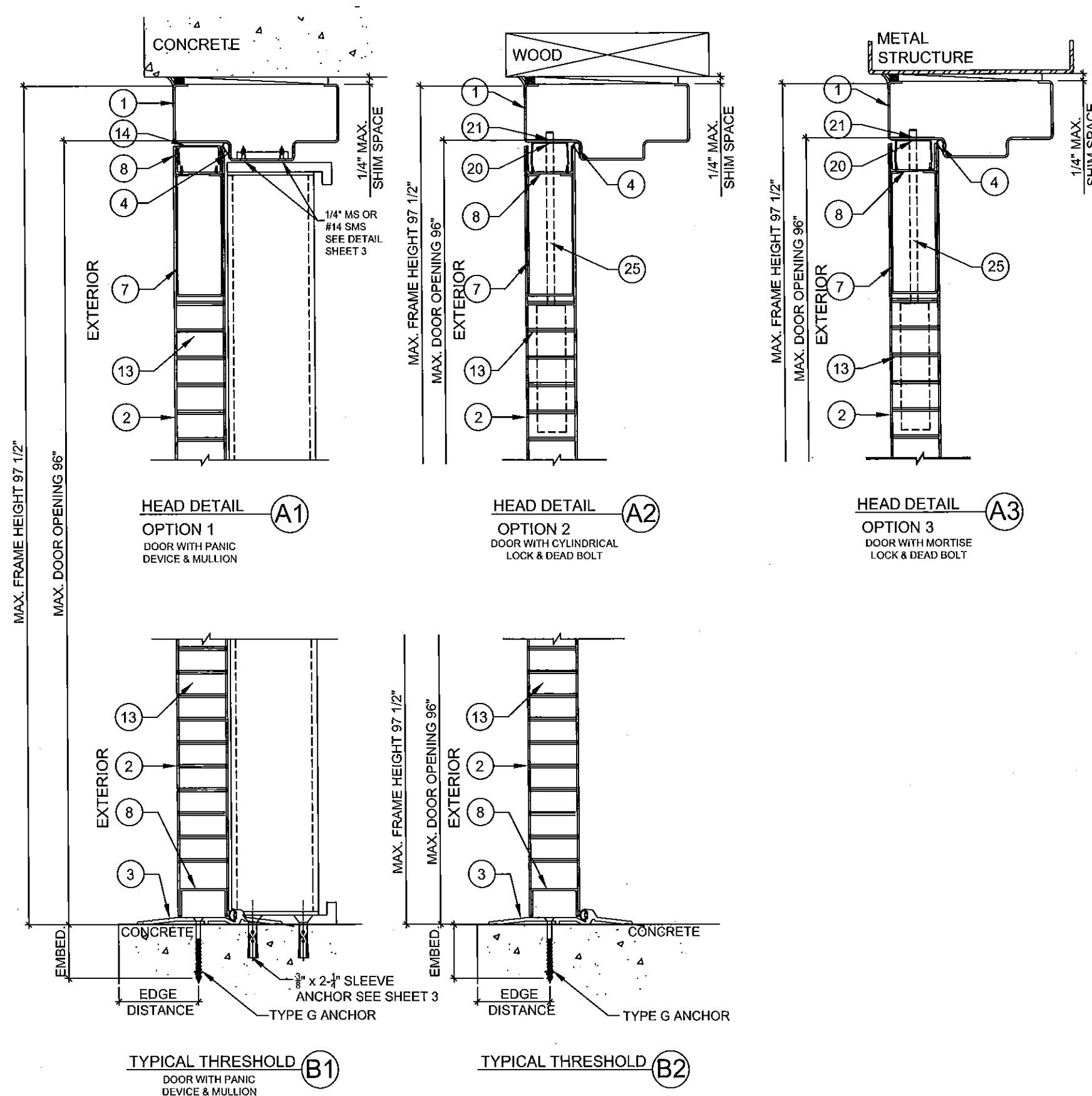
DATE	
SCALE	N.T.S.
DRAWN	ED-T.G.
PROJECT	

DRAWING NO.  
AD10-11

1 OF 7

MIAMI DADE COUNTY

JUL 01 2015



#### TYPICAL ANCHORS @ SIDE JAMB:

(SEE ELEV. FOR SPACING)  
(SEE DETAILS ON SHEET 3 & 4)

- TYPE A.** 3/8" DIA. LAG SCREW (THRU EMA)  
INTO 2BY WOOD BUCK OR WOOD STRUCTURAL  
1-1/2" MIN. EMBED  
1-1/2" MIN. EDGE DISTANCE
- TYPE B.** 3/8" DIA. HLC SLEEVE ANCHOR BY 'HILTI' (THRU EMA)  
DIRECTLY INTO  $f'_c=3000$  PSI CONCRETE, 3" MIN. EDGE DIST.  
DIRECTLY INTO  $f'_c=2000$  PSI CONCRETE BLOCK, 3-1/2" MIN. EDGE DIST.  
1-1/4" MIN. EMBED
- TYPE C.** 3/8" DIA. CARBON SLEEVE ANCHOR BY 'WEJ-IT' (THRU EMA)  
DIRECTLY INTO  $f'_c=4000$  PSI CONCRETE, 2-3/8" MIN. EMBED  
DIRECTLY INTO  $f'_m=2000$  PSI CONCRETE BLOCK, 1-1/4" MIN. EMBED  
3-1/2" MIN. EDGE DISTANCE
- TYPE D.** 3/8" DIA. POWER BOLT BY 'POWERS' (THRU EMA)  
DIRECTLY INTO  $f'_c=3000$  PSI CONCRETE  
2-1/2" MIN. EMBED  
3 1/2" MIN. EDGE DISTANCE
- TYPE E.** 3/8" DIA. SMS OR MACHINE BOLTS (MIN. GRADE 2 CRS) OR STAINLESS STEEL (THRU EMA)  
INTO METAL STRUCTURES (STEEL OR ALUMINUM 1/8" MIN. THICK.)  
STEEL :  $f_y = 36$  KSI MIN.  
ALUMINUM : 6063-T6 MIN.  
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)
- TYPE F.** WIRE ANCHOR ( $f_y$  min. = 60 KSI)  
0.173 DIA. STEEL WIRE ANCHORS EMBED INTO CONCRETE FILLED BLOCK  
WITH 8.75" EMBED

#### TYPICAL ANCHORS @ THRESHOLD:

(SEE ELEV. FOR SPACING)

- TYPE G.** 1/4" OR 5/16" DIA. ULTRACONS BY 'ELCO'  $f_y = 155$  KSI  $f_u = 177$  KSI  
DIRECTLY INTO  $f'_c=3000$  PSI MIN. CONCRETE  
1-1/2" MIN. EMBED  
2-1/2" MIN. EDGE DISTANCE
- 1/4" TAPCON BY ITW  $f_y = 90$  KSI  $f_u = 120$  KSI  
DIRECTLY INTO  $f'_c=3000$  PSI MIN. CONCRETE  
1-1/2" MIN. EMBED  
2-1/2" MIN. EDGE DISTANCE

**SEALANT:**  
ALL FRAME JOINTS AND CORNERS TO BE SEALED  
WITH SILICONE AT PERIMETER

#### TYPICAL ANCHORS @ HEADER:

NONE

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 14-0513-0  
Expiration Date 10/13/20  
By *16 Aug 16*  
Miami Dade Product Control

NO.	DATE	DESCRIPTION
1	02.16.13	2010 FBC
2	04.28.14	2014 FBC
3	05.28.15	2015 FBC

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HOLLOW METAL LIMITED

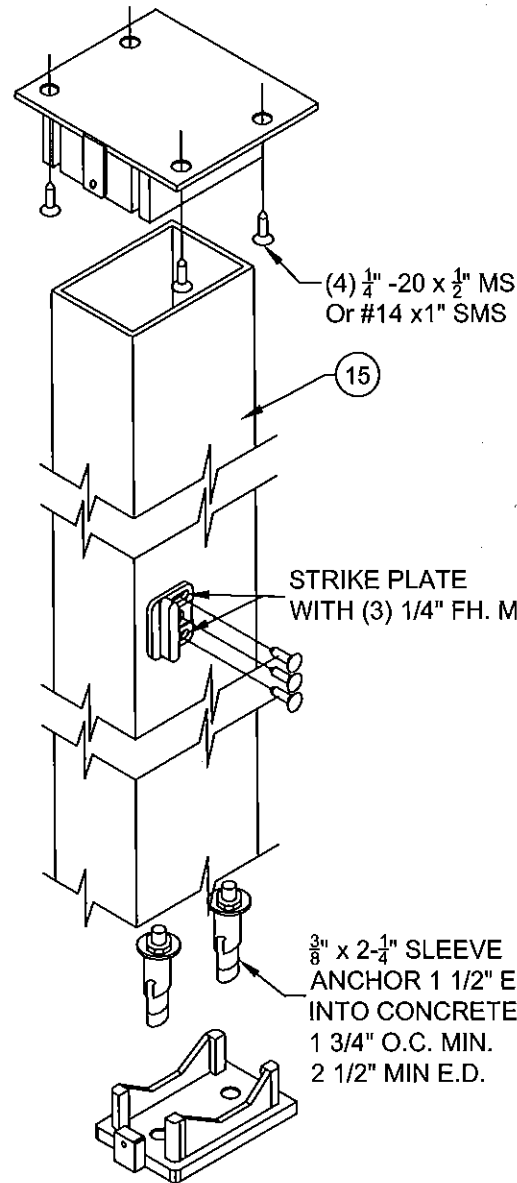
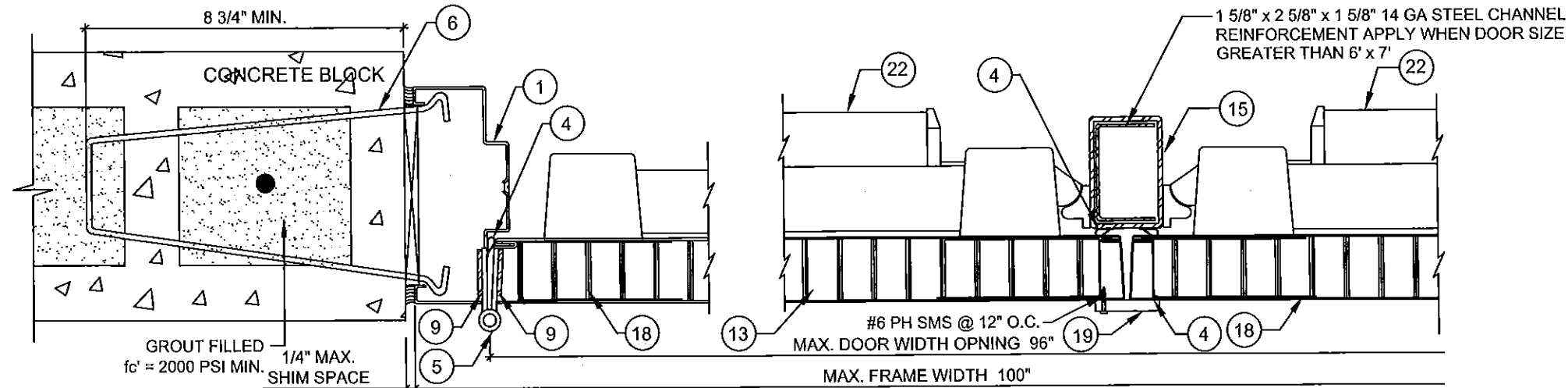
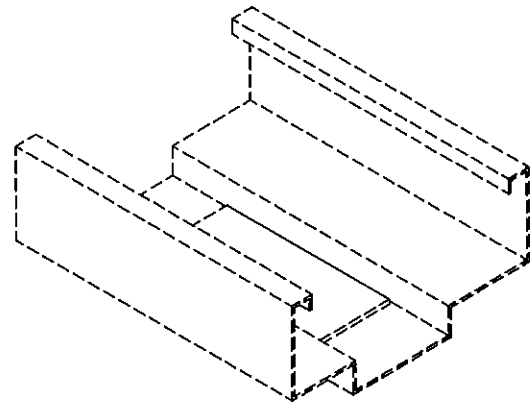
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DRAWN	ED-T.G.
PROJECT	

DRAWING NO.  
**AD10-11**  
2 OF 7

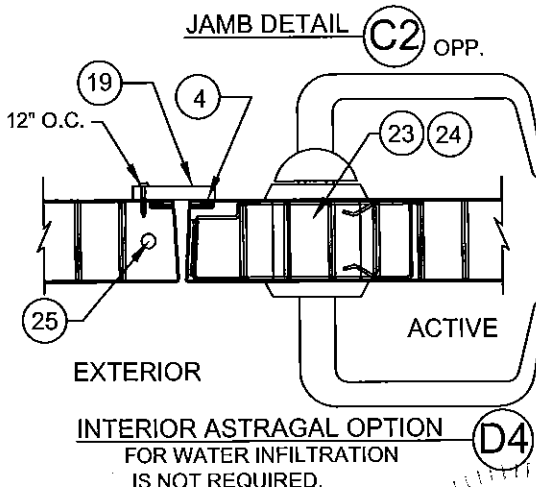
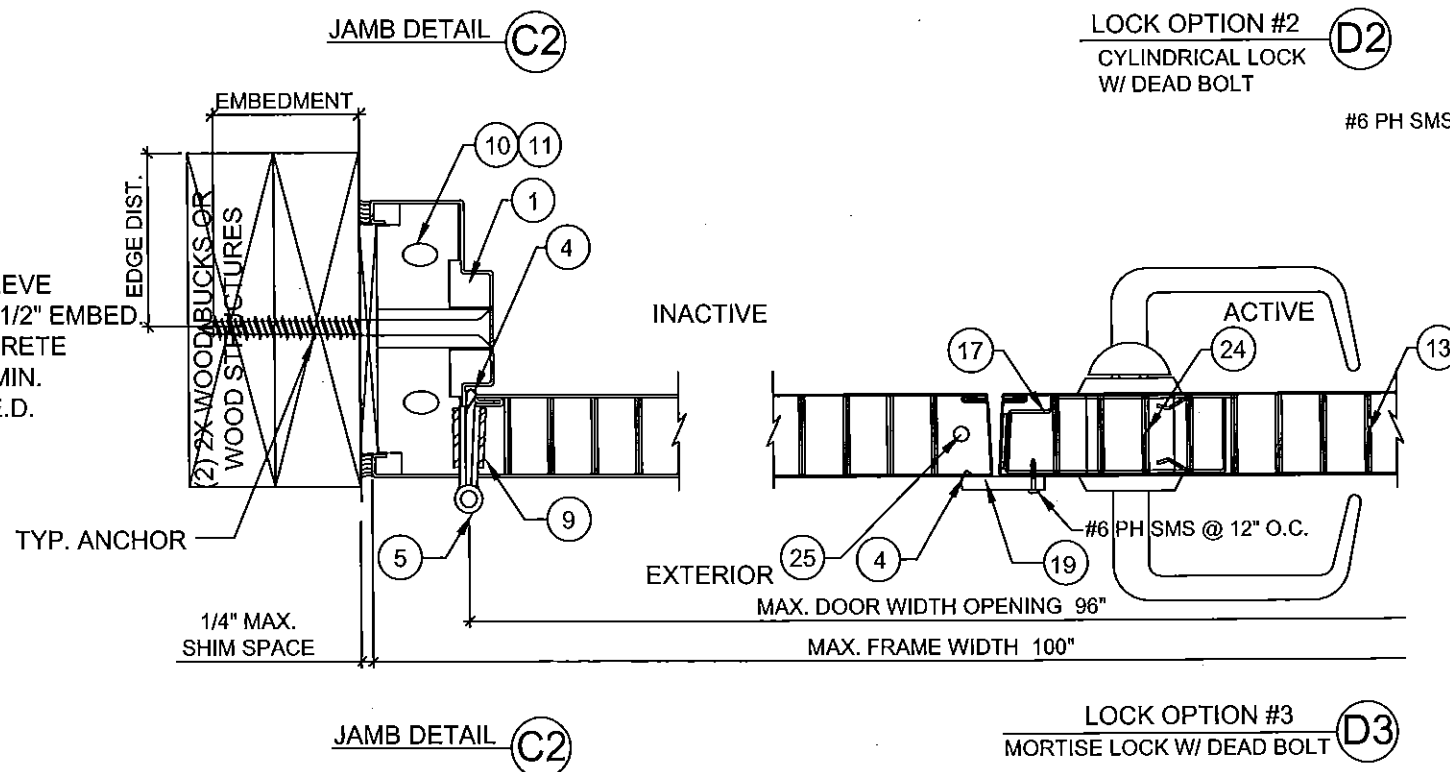
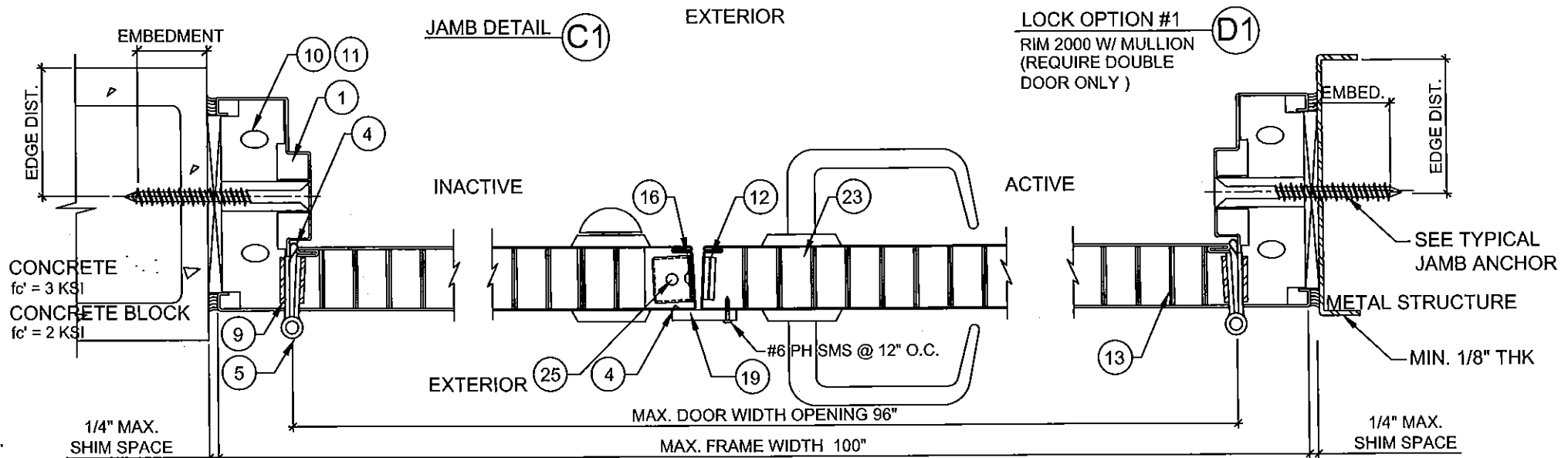
MIAMI DADE COUNTY

YIPING WANG, P.E.  
FLORIDA REGISTRATION  
PE #55983  
C.A.N. 28677  
No. 50900  
*Yip Wang*

JUL 01 2015



MG950F MULLION  
WITH SERIES 2000 DESIGN  
HARDWARE PANIC DEVICE



PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 14-0513-04  
Expiration Date 10/13/20  
By: [Signature]  
Miami Dade Product Control

YIPING WANG, P.E.  
FLORIDA REGISTRATION  
PE #55983  
C.A.N. 28677  
[Signature]

NO.	DATE	DESCRIPTION
1	02.16.12	2010 FBC
2	04.28.14	2014 FBC
3	06.28.15	2015 FBC

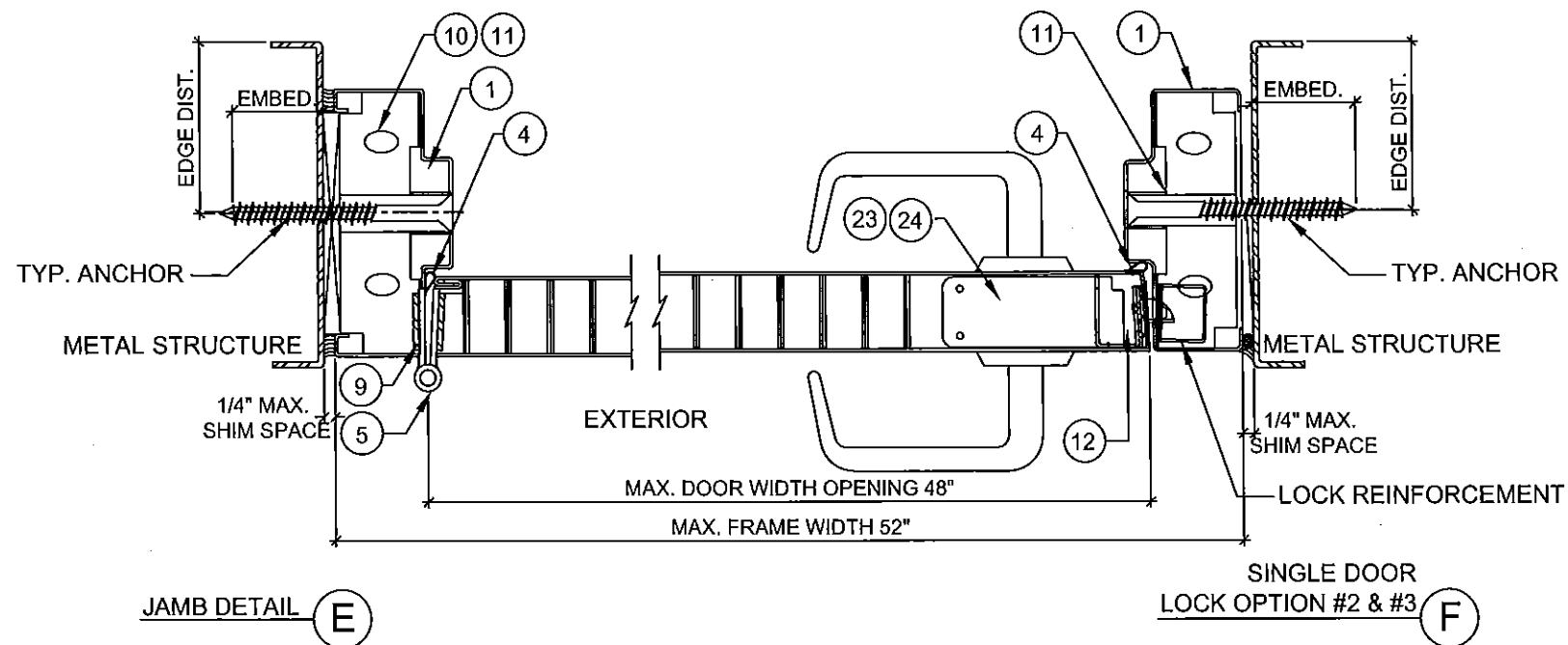
MCY ENGINEERING, INC.  
GLAZING CONSULTANTS  
8501 SW 124 AVE. STE. 205A P: 305.271.0117  
MIAMI, FL 33183 F: 786.573.5063  
www.MCYEngineering.com MCY.Engineering@Att.net

SERIES LS1875 DOUBLE/SINGLE OUTSWING STEEL DOOR (LMD)  
VISION HOLLOW METAL LIMITED  
400 ZENWAY BLVD., UNIT #1  
WOODBRIIDGE, ON L4H0S7  
Tel: (877) 984-8465 Fax: (905) 851-1261

VISION  
HOLLOW METAL LIMITED

DATE	
SCALE	N.T.S.
DRAWN	ED-TG
PROJECT	
DRAWING NO.	AD10-11
	3 OF 7

JUL 01 2015

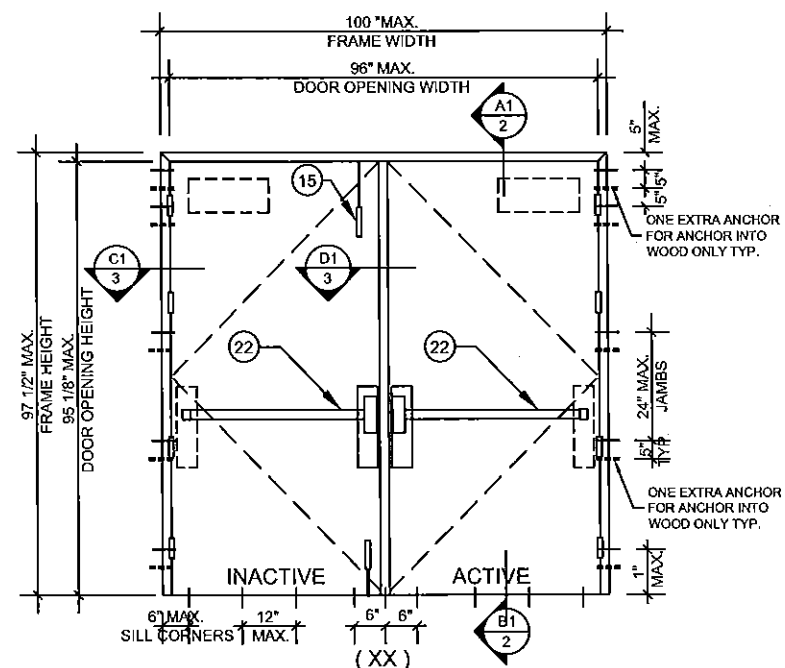
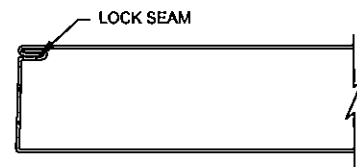


### HINGES

STEEL MOTISE HINGES FOUR PER LEAF  
AT 10" FROM BOTTOM TO C.L. OF HINGE.  
12" FROM TOP TO C.L. OF HINGE AND 26"  
O.C. MAX.

ALL HINGES FASTENED TO FRAME WITH  
(4) 12-24 x 1/2" FH MS AND TO PANEL WITH  
(4) 12-24 x 1/2" FH MS

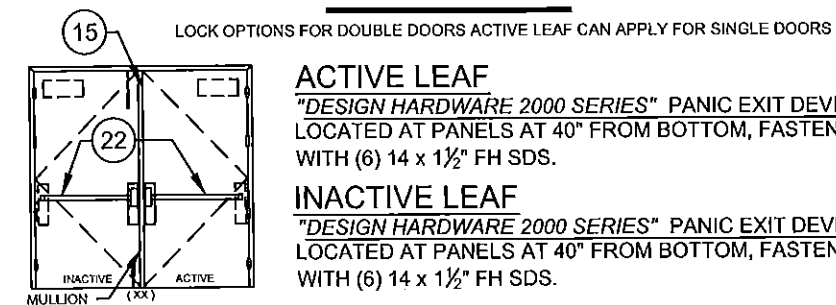
### DOOR EDGE CONSTRUCTION



### TYP. ELEVATION

W/ LOCK OPTION #1 (RIM PANIC & MULLION)

### LOCK OPTIONS



#### ACTIVE LEAF

"DESIGN HARDWARE 2000 SERIES" PANIC EXIT DEVICE  
LOCATED AT PANELS AT 40" FROM BOTTOM, FASTENED  
WITH (6) 14 x 1 1/2" FH SDS.

#### INACTIVE LEAF

"DESIGN HARDWARE 2000 SERIES" PANIC EXIT DEVICE  
LOCATED AT PANELS AT 40" FROM BOTTOM, FASTENED  
WITH (6) 14 x 1 1/2" FH SDS.

#### MULLION

"LOCKWOOD 950F MULLION"  
(2) SURFACE MOUNT METALLIC KEEPERS  
40" FROM BOTTOM WITH (3) #10 x 1 1/4" FH SDS

#### ACTIVE LEAF

"SCHLAGE AL53PD SERIES"  
LOCATED AT 39 1/2" FROM BOTTOM,  
FASTENED WITH (2) 8 x 3/4" MTS.

#### "SINGLE CYLINDER DEADBOLT LOCK"

LOCATED AT 47 1/2" FROM BOTTOM WITH (2) 1/4-28 x 1 1/8"  
PH MS AND (2) 8 x 3/4" FH SMS.

#### INACTIVE LEAF

"YVES FB458 MORTISE FLUSHBOLTS"  
LOCATED AT TOP AND BOTTOM, FASTENED WITH (4)  
8 x 3/4" FH MULTI THREAD SCREWS.

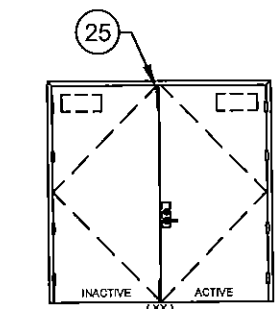
#### LOCK OPTION #2

DOOR W/ CYLINDRICAL  
LOCK & DEAD BOLT

STRIKE PLATE 39-1/2" FROM BOTTOM WITH (2) #12 X1" FH  
MULTI THREAD SCREWS

STRIKE PLATE AT MIDDLE SPAN OF FRAME HEAD  
WITH (2) #8 X3/4" FH MULTI THREAD SCREWS

STRIKE PLATE AT MIDDLE SPAN OF THRESHOLD  
WITH (2) #8 X1 1/2" FH MULTI THREAD SCREWS



#### ACTIVE LEAF

"SCHLAGE L9453P MORTISE LOCK W/ INTEGRATED DEADBOLT"  
HANDLE LOCATED AT 37 1/8" FROM BOTTOM,  
FASTENED WITH (2) 10 x 3/4" MTS.  
DEADBOLT LOCATED 40 3/8" FROM BOTTOM  
FASTENED WITH (2) 12x1" FH MULTI THREAD SCREWS

#### INACTIVE LEAF

"YVES FB458 MORTISE FLUSHBOLTS"  
LOCATED AT TOP AND BOTTOM, FASTENED WITH (4)  
8 x 3/4" FH MTS.

STRIKE PLATE 39-1/2" FROM BOTTOM WITH (2) #12 X1"  
FH MULTI THREAD SCREWS

FLUSH MOUNT METALLIC FLUSH BOLT AND FLUSH GUIDE  
TOP AND BOTTOM WITH (2) #8 X3/4" FH MULTI THREAD  
SCREWS

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 14-0513-04  
Expiration Date 10/13/26  
By: Shang L. Chandra  
Miami Dade Product Control

YIPING WANG, P.E.  
FLORIDA REGISTRATION  
PE #55983  
C.A.N. 28677

MIAMI DADE COUNTY

JUL 01 2015

NO	DATE	DESCRIPTION
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3	06.28.15	2015 FBC

**MCY ENGINEERING, INC.**  
GLAZING CONSULTANTS

**MCY**

8501 SW 124 AVE. STE. 205A P: 305.271.0117  
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**VISION HOLLOW METAL LIMITED**  
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**VISION**  
HOLLOW METAL LIMITED

DATE	
SCALE	N.T.S.
DRAWN	E.D.-T.G.
PROJECT	

DRAWING NO.  
AD10-11

4 OF 7

BILL OF MATERIALS

ITEM NO.	PART NO.	MATERIAL	QUANTITY	DESCRIPTION	MANF./SUPPLIER/REMARKS
①	-	STEEL	AS REQ'D.	FRAME HEAD/JAMB (2" x 5 3/4")	18 GA.(0.053"MIN.) GALVANNEAL STEEL (Fy = 54 KSI MIN.)
②	-	STEEL	AS REQ'D.	DOOR FACE SHEETS (48" x 96" x 0.044")	18 GA.(0.044" MIN.) GALVANNEAL STEEL (Fy = 54 KSI MIN.)
③	520S	ALUMINUM	1	BUMPER TRESHOLD (5" x 1/2" x 0.094")	HAGER
④	S88_	VINYL	AS REQD.	ADHESIVE VINYL BULB	PEMKO
⑤	-	STEEL	4 PER LEAF	HINGES	HAGER / DESIGN HARDWARE
⑥	-	STEEL		MASONRY WIRE ANCHOR	0.173 DIA. Fy = 60 PSI
⑦	-	STEEL	AS REQ'D.	CLOSER BOX (1 9/16" x 4 3/16" x 0.053")	16 GA. GALVANNEAL STEEL
⑧	-	STEEL	AS REQ'D.	END CHANNEL (1 5/8" x 1 3/16" x 0.053")	16 GA. GALVANNEAL STEEL
⑨	-	STEEL	AS REQ'D.	HINGE REINFORCEMENT	10 GA. GALVANNEAL STEEL
⑩	-	STEEL	AS REQ'D.	EMA 18GA ANCHOR (PIPE)	VISION HOLLOW METAL
⑪	-	STEEL	AS REQ'D.	EMA 18GA ANCHOR OPTION (BUTTERFLY)	VISION HOLLOW METAL
⑫	-	STEEL	1	CYLINDRAL LOCK REINFORCING	-
⑬	-	-	AS REQ'D.	HONEY COMB 1" CELL	-
⑭	-	VINYL/STEEL	AS REQ'D.	TOP CAP OPTIONAL	VISION HOLLOW METAL
⑮	MG 950F	STEEL	AS REQ'D.	2x3x1/8" REMOVABLE MULLION	LOCKWOOD Fy min. = 46 KSI
⑯	A0010	STEEL	AS REQ'D.	ASA STRIKE REINFORCEMENT	VISION HOLLOW METAL
⑰	A0024	STEEL	1	MORTISE BOX REINFORCMENT	VISION HOLLOW METAL
⑱	A0051	STEEL	2 / PANEL	RIM PANIC BOX 14" LG.	VISION HOLLOW METAL
⑲	-	STEEL	AS REQ'D	1 3/4" x 0.12" THK ASTRAGAL	VISION HOLLOW METAL
⑳	-	STEEL	AS REQ'D	FLUSHBOLT GUIDE	VISION HOLLOW METAL
㉑	-	STEEL	AS REQ'D	REVERSABLE FLUSHBOLT HEAD REINFORCEMENT	VISION HOLLOW METAL
㉒	2000	STEEL	AS REQ'D	SERIES 2000 DESIGN HARDWARE PANIC EXIT DEVICE	DESIGN HARDWARE
㉓	AL53PD	STEEL	AS REQ'D	SCHLAGE A1-53 PD CYLINDRICAL LOCK & DEAD BOLT	SCHLAGE
㉔	-	STEEL	AS REQ'D	SCHLAGE L9453 MORTISE LOCK W/ INTEGRATED DEADBOLT	SCHLAGE
㉕	-	STEEL	AS REQ'D	IVES FB458 MANUAL FLASH BOLTS	IVES

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 14-0513-04  
Expiration Date 10/13/20  
By [Signature]  
Miami Dade Product Control

YIPING WANG, P.E.  
FLORIDA REGISTRATION  
PE #55983  
C.A.N. 28677  
No. 55983

MIAMI DADE COUNTY

REVISIONS	NO	DATE	DESCRIPTION
	1	02.16.12	2010 DEC
	2	04.28.14	2014 FEB
	3	08.28.15	PER COMMENT

MCY ENGINEERING, INC.  
GLAZING CONSULTANTS

8501 SW 124AVE. STE.205A P: 305.271.0117  
MIAMI, FL 33183 F: 786.573.5063

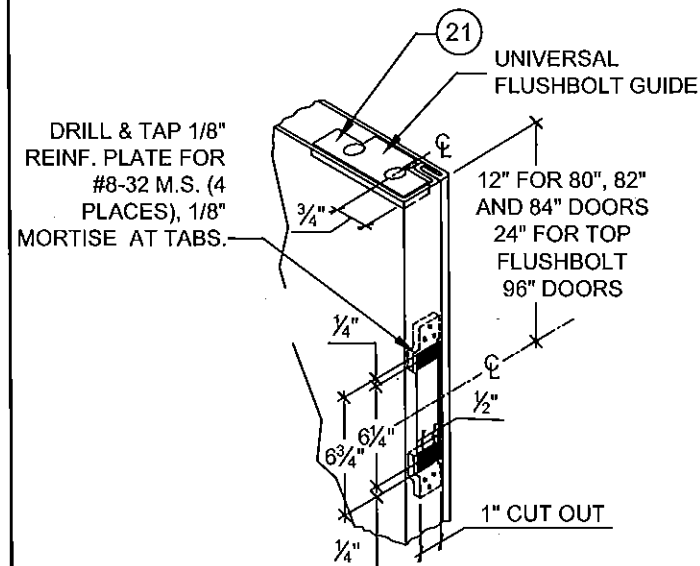
www.MCYEngineering.com MCY.Engineering@Att.net

SERIES LS1875 DOUBLE/SINGLE OUTSWING STEEL DOOR (LMD)

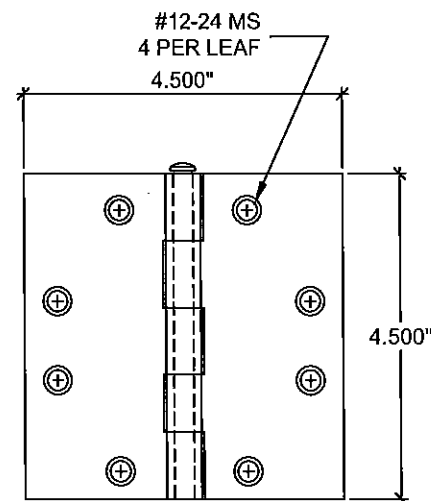
VISION HOLLOW METAL LIMITED  
400 ZENWAY BLVD., UNIT #1  
WOODBIDGE, ON L4H0S7  
Tel: (877) 994 - 8465 Fax: (905) 851 - 1261

VISION  
HOLLOW METAL LIMITED

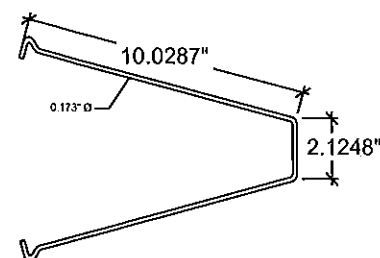
DATE	
SCALE	N.T.S
DRAWN	E.D.T.G
PROJECT	
DRAWING NO.	AD10-11
	6 OF 7



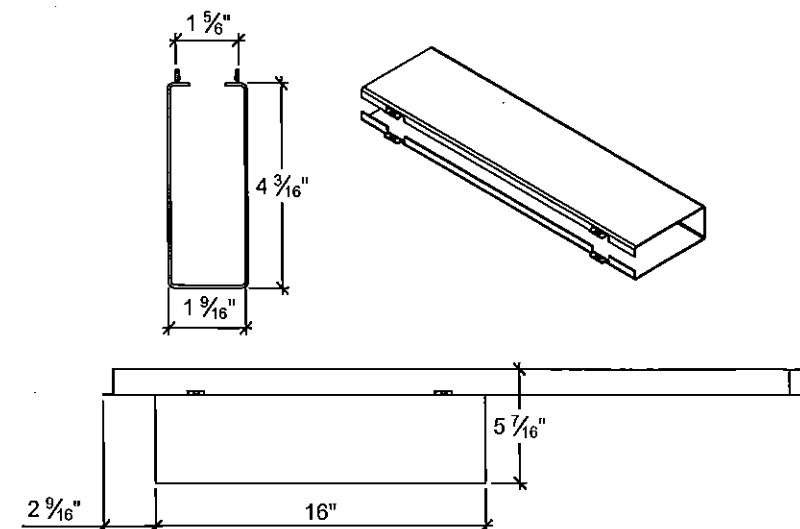
MEETING EDGE DETAIL  
OPTION 2 & 3



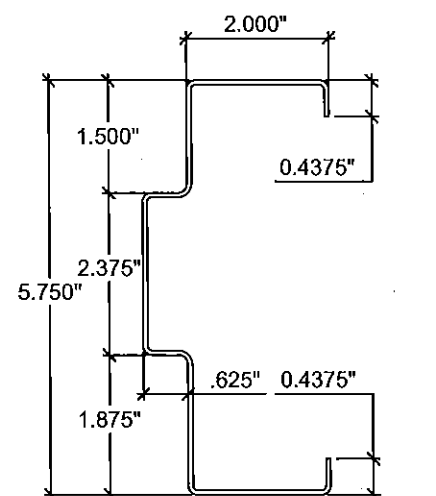
5 STEEL HINGE  
t min = 0.134"



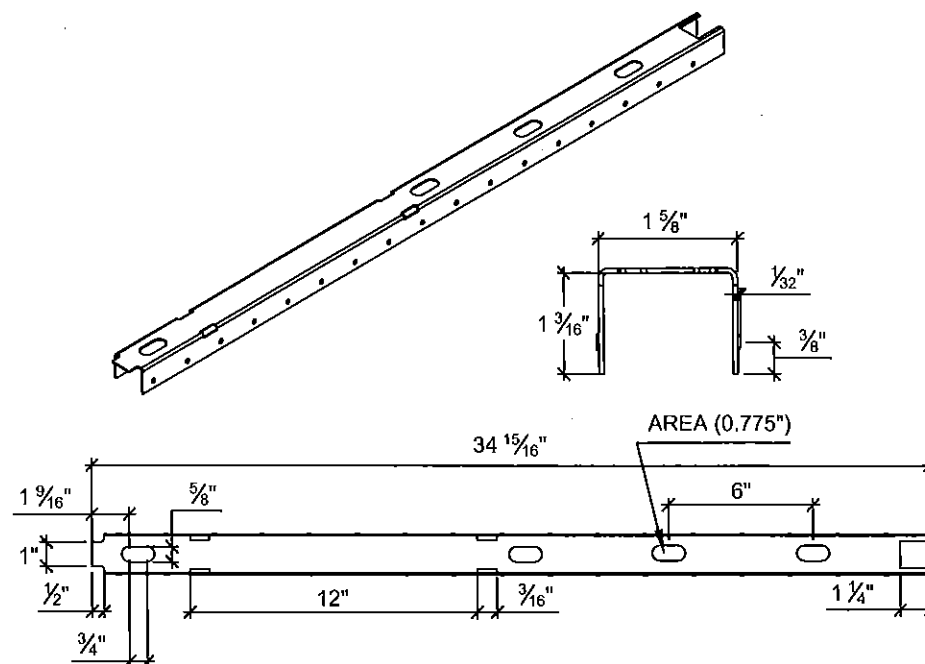
6 MASONRY WIRE ANCHOR  
Fy MIN = 60 KSI



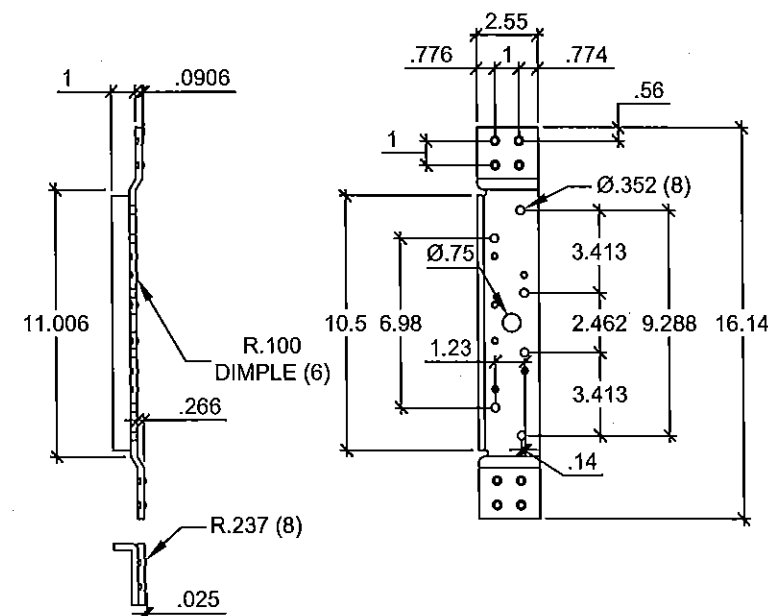
7 CLOSER BOX



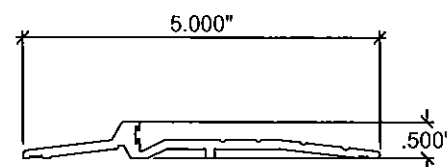
1 FRAME HEAD/JAMB  
18 GA STEEL (0.053")



8 END CHANNEL  
16 GA STEEL

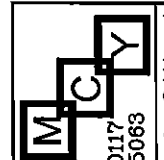


9 HINGE REINFORCEMENT  
10 GA STEEL



3 TRESHOLD

NO	DATE	DESCRIPTION
1	02.18.12	2010 FBC
2	04.28.14	2014 FBC
3	05.28.15	2015 FBC



**MCY ENGINEERING, INC.**  
GLAZING CONSULTANTS  
8501 SW 124 AVE. STE. 205A P: 305.271.0117  
MIAMI, FL 33183 F: 786.573.5083  
www.MCYEngineering.com MCY.Engineering@att.net

SERIES LS1875 DOUBLE/SINGLE OUTSWING STEEL DOOR (LMI)  
**VISION HOLLOW METAL LIMITED**  
400 ZENWAY BLVD., UNIT #1  
WOODBRIIDGE, ON L4H0S7  
Tel: (877) 984 - 8465 Fax: (905) 851 - 1261

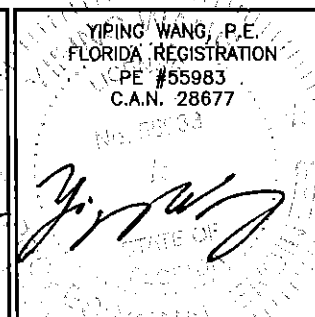


DATE	
SCALE	N.T.S.
DRAWN	E.D.T.O.
PROJECT	

DRAWING NO.  
AD10-11

6 OF 7

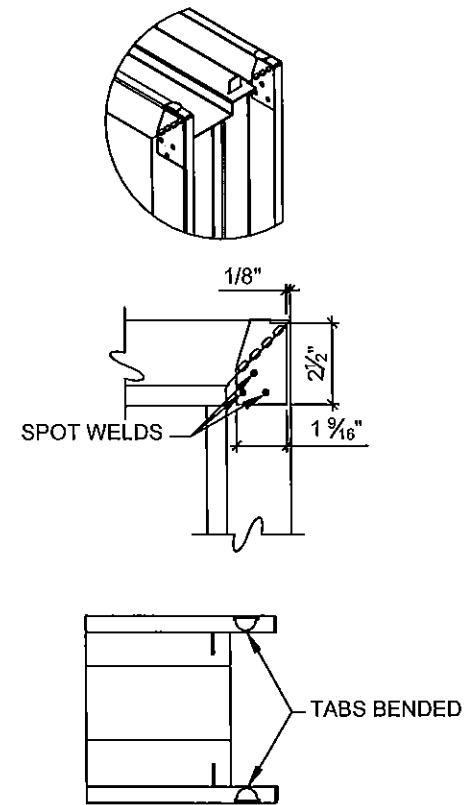
PRODUCT REVISED  
to comply with the Florida  
Building Code  
Acceptance No. 14-0513-04  
Expiration Date 10/13/20  
By Ishang L. (hand)  
Miami Dade Product Control



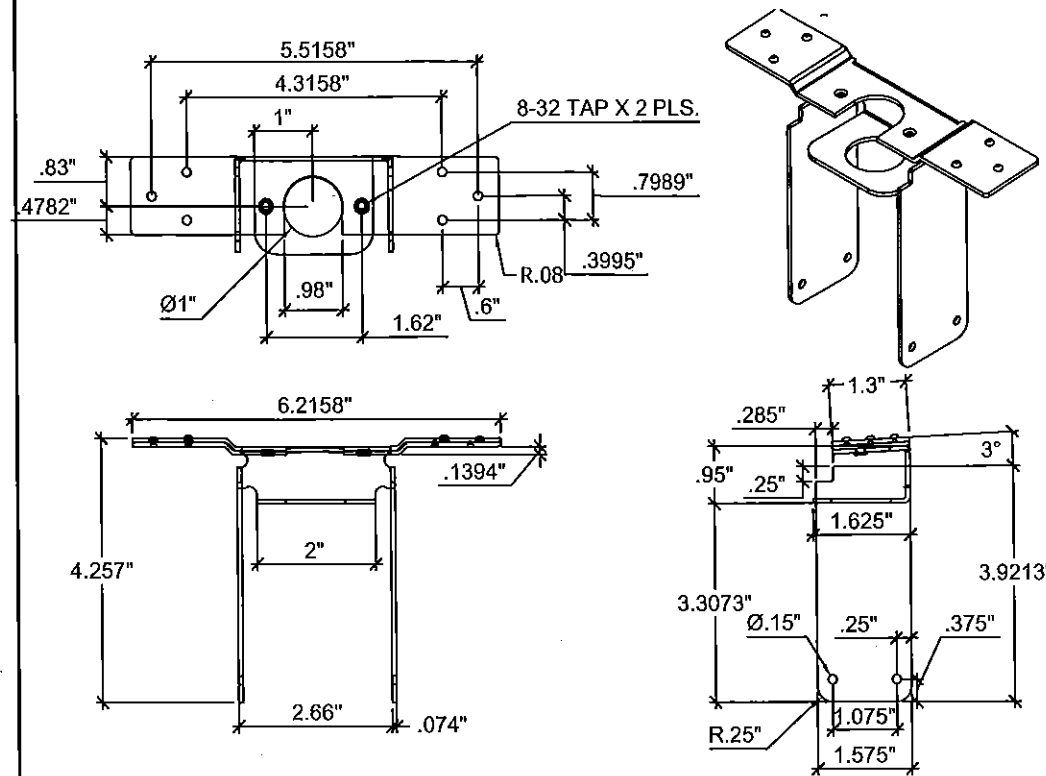
MIAMI DADE COUNTY

JUL 01 2015

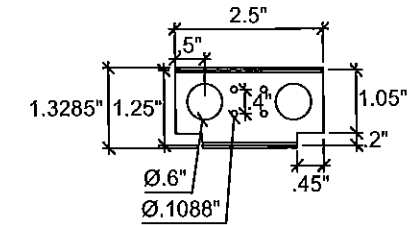




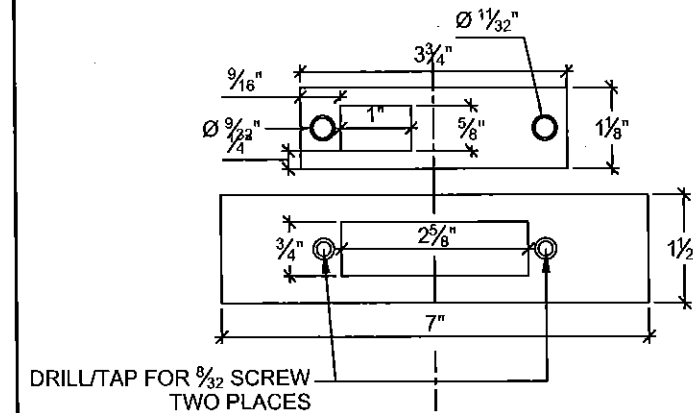
FRAME CORNERS DETAIL



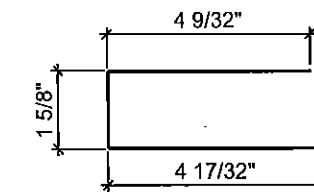
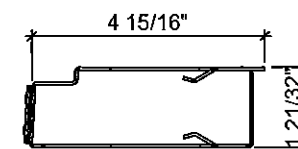
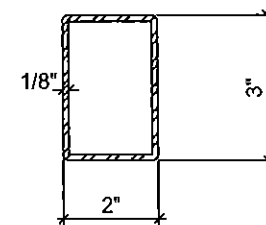
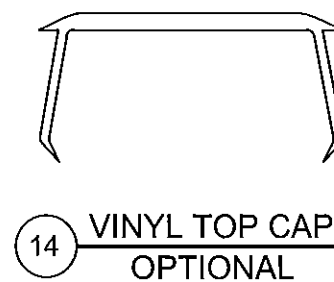
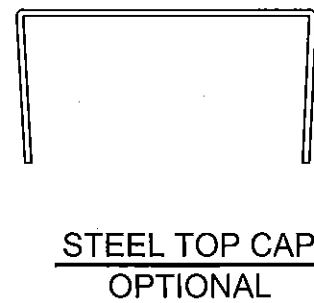
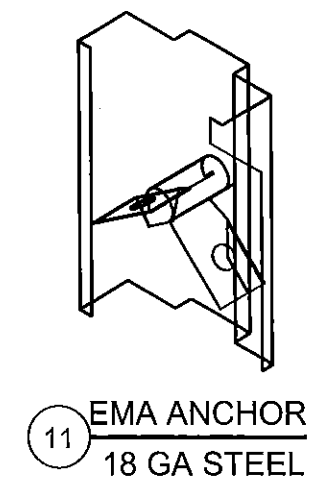
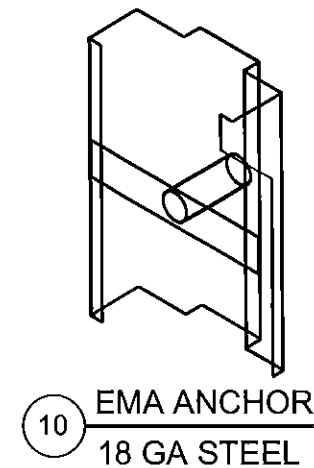
12 CYLINDRICAL LOCK REINFORCING



20 FLUSHBOLT GUIDE



21 REVERSABLE FLUSHBOLT  
HEAD REINFORCING



PRODUCT REVISED  
to comply with the Florida  
Building Code  
Acceptance No. 14-0513.04  
Expiration Date OCT 13, 2020  
By: [Signature]  
Miami Dade Product Control

MIAMI DADE COUNTY

YIPING WANG, P.E.  
FLORIDA REGISTRATION  
PE #55983  
C.A.N. 28677

[Signature]

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VISION  
HOLLOW METAL LIMITED

DATE	
SCALE	N.T.S.
DRAWN	ED-T.G.
PROJECT	
DRAWING NO.	AD10-11
	7 OF 7

JUL 01 2015